Figure 1

$$V_{GS} = 1 - V_s$$
$$V_{DS} = -1.0 - V_s$$
$$V_{GS} - V_{DS} = 2$$
$$V_{GS} = V_{DS} + 2$$
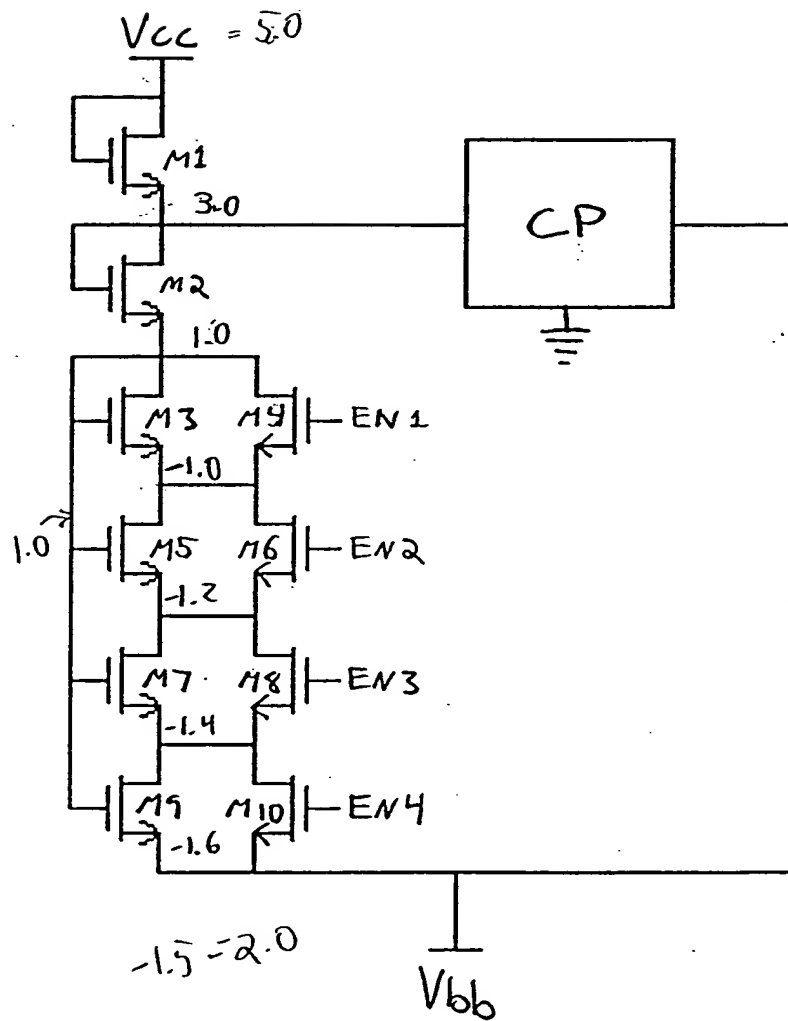

Figure 2
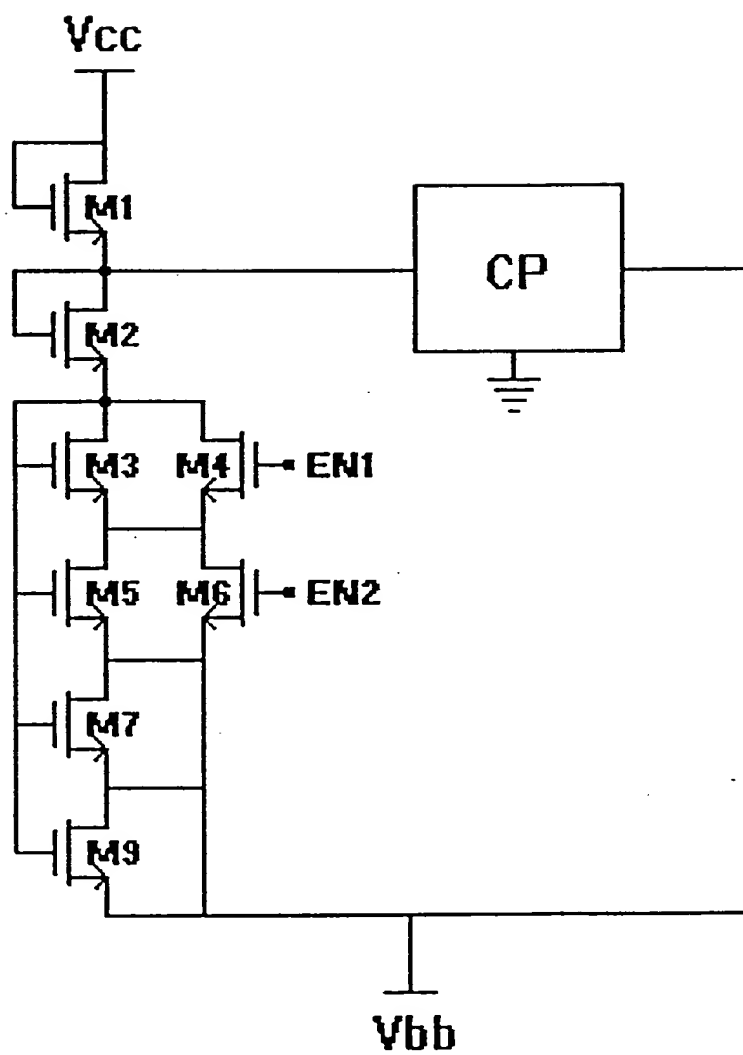
Figure 3